

TRANSLATION

PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference <b>F1040885-542</b>	<b>FOR FURTHER ACTION</b>		See Form PCT/IPEA/416
International application No. <b>PCT/JP2005/000688</b>	International filing date (day/month/year) <b>20.01.2005</b>	Priority date (day/month/year) <b>06.02.2004</b>	
International Patent Classification (IPC) or national classification and IPC <b>H04B1/40, H04B1/06, H04M1/00, H04Q7/38</b>			
Applicant <b>SANYO ELECTRIC CO., LTD.</b>			

<p>1. This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36.</p> <p>2. This REPORT consists of a total of <b>5</b> sheets, including this cover sheet.</p> <p>3. This report is also accompanied by ANNEXES, comprising:</p> <p>a. <input checked="" type="checkbox"/> (<i>sent to the applicant and to the International Bureau</i>) a total of <b>4</b> sheets, as follows:</p> <p><input type="checkbox"/> sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).</p> <p><input type="checkbox"/> sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box.</p> <p>b. <input type="checkbox"/> (<i>sent to the International Bureau only</i>) a total of (indicate type and number of electronic carrier(s)) _____, containing a sequence listing and/or tables related thereto, in electronic form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions).</p>																								
<p>4. This report contains indications relating to the following items:</p> <table> <tr> <td><input checked="" type="checkbox"/></td> <td>Box No. I</td> <td>Basis of the report</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Box No. II</td> <td>Priority</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Box No. III</td> <td>Non-establishment of opinion with regard to novelty, inventive step and industrial applicability</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Box No. IV</td> <td>Lack of unity of invention</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>Box No. V</td> <td>Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Box No. VI</td> <td>Certain documents cited</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>Box No. VII</td> <td>Certain defects in the international application</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Box No. VIII</td> <td>Certain observations on the international application</td> </tr> </table>	<input checked="" type="checkbox"/>	Box No. I	Basis of the report	<input type="checkbox"/>	Box No. II	Priority	<input type="checkbox"/>	Box No. III	Non-establishment of opinion with regard to novelty, inventive step and industrial applicability	<input type="checkbox"/>	Box No. IV	Lack of unity of invention	<input checked="" type="checkbox"/>	Box No. V	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement	<input type="checkbox"/>	Box No. VI	Certain documents cited	<input checked="" type="checkbox"/>	Box No. VII	Certain defects in the international application	<input type="checkbox"/>	Box No. VIII	Certain observations on the international application
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Date of submission of the demand	Date of completion of this report
Name and mailing address of the IPEA/JP	Authorized officer
Facsimile No.	Telephone No.

## INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.  
PCT/JP2005/000688

## Box No. I Basis of the report

1. With regard to the **language**, this report is based on:
  - the international application in the language in which it was filed
  - the translation of the international application into \_\_\_\_\_, which is the language of a translation furnished for the purposes of:
    - international search (Rule 12.3(a) and 23.1(b))
    - publication of the international application (Rule 12.4(a))
    - international preliminary examination (Rule 55.2(a) and/or 55.3(a))
2. With regard to the **elements** of the international application, this report is based on (*replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report*):
  - the international application as originally filed/furnished
  - the description:
 

pages 1-12 as originally filed/furnished

pages\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_

pages\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_
  - the claims:
 

nos. 9, 11-13 as originally filed/furnished

nos.\* \_\_\_\_\_ as amended (together with any statement) under Article 19

nos.\* 1, 3-8, 10 received by this Authority on 28.09.2005

nos.\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_
  - the drawings:
 

sheets fig. 1-6 as originally filed/furnished

sheets\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_

sheets\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_
  - a sequence listing and/or any related table(s) – see Supplemental Box Relating to Sequence Listing.
3.  The amendments have resulted in the cancellation of:
  - the description, pages \_\_\_\_\_
  - the claims, nos. 2 \_\_\_\_\_
  - the drawings, sheets/figs \_\_\_\_\_
  - the sequence listing (*specify*): \_\_\_\_\_
  - any table(s) related to sequence listing (*specify*): \_\_\_\_\_
4.  This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).
  - the description, pages \_\_\_\_\_
  - the claims, nos. \_\_\_\_\_
  - the drawings, sheets/figs \_\_\_\_\_
  - the sequence listing (*specify*): \_\_\_\_\_
  - any table(s) related to sequence listing (*specify*): \_\_\_\_\_

\* If item 4 applies, some or all of those sheets may be marked "superseded."

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Box No. V	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
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## 1. Statement

Novelty (N)	Claims	1, 3-13	YES
	Claims		NO
Inventive step (IS)	Claims	1, 3-13	YES
	Claims		NO
Industrial applicability (IA)	Claims	1, 3-13	YES
	Claims		NO

## 2. Citations and explanations (Rule 70.7)

Document 1: JP 8-162909 A (Sanyo Electric Co., Ltd.), 21 June 1996, paragraphs [0015] to [0041], fig. 1 to 3

Document 2: JP 2000-40973 A (Mitsubishi Electric Corp.), 08 February 2000, paragraphs [0011] to [0024], fig. 1 to 4

The inventions set forth in claims 1 and 3 to 13 are not disclosed in any of the documents that are cited in the international search report, and would not have been obvious to a person skilled in the art.

Document 1 discloses a technique for switching broadcasts according to the reception state of the broadcast selected by the user; therein, document 1 indicates that the reception frequencies of the broadcast stations that can be received in each area are associated with position information and recorded so that when receiving a broadcast, the broadcast is selected by acquiring position information and then specifying the broadcast station reception frequency that is associated with the acquired position information. In other words, it would have been easy for a person skilled in the art to configure so that the base station position

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**Box No. V** **Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement**

information and information pertaining to the broadcast stations that can be received are associated and stored in order to enable the selection of a broadcast.

Meanwhile, document 2 discloses a feature wherein the receiving station is associated with the running position and stored in response to changes in the reception state along a route that is being travelled for the first time. In other words, it would have been easy for a person skilled in the art to configure so that the reception frequency is associated with the position information and recorded in the storage means in cases when the position information has not already been stored.

In the inventions set forth in the abovementioned claims, however, the reception frequencies of the broadcast stations are detected and then the reception frequencies of all of the detected broadcast stations are associated with the base station position information and recorded in the storage means in cases when the position information has not already been stored, and the feature in question is not disclosed in any of the documents or obvious to a person skilled in the art.

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**Box No. VII      Certain defects in the international application**

The following defects in the form or contents of the international application have been noted:

Claim 3 sets forth the "telephone unit recited in claim 2." However, claim 2 was eliminated by the amendment forms dated 28 September 2005, and thus it is thought that claim 3 should instead set forth the "telephone unit recited in claim 1."